RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 08/870,762B
Source: IFW16
Date Processed by STIC: 10/05/2005

ENTERED

IFW16

RAW SEQUENCE LISTING DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:10

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

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 3 <110> APPLICANT: DUFT, BRADFORD J.
 4       KOLTERMAN, ORVILLE G.
 6 <120> TITLE OF INVENTION: METHODS FOR TREATING OBESITY
 8 <130> FILE REFERENCE: 18528.231
10 <140> CURRENT APPLICATION NUMBER: US 08/870,762B
11 <141> CURRENT FILING DATE: 1997-06-06
13 <160> NUMBER OF SEQ ID NOS: 25
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
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19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthetic peptide construct
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28 1               5                  10                  15
31 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
32             20                  25                  30
35 Gly Ser Asn Thr Tyr
36         35
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41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
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49 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
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54             20                  25                  30
57 Gly Ser Asn Thr Tyr
58         35
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63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Synthetic peptide construct
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71 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
72 1               5                  10                  15
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(pg-6)

RAW SEQUENCE LISTING DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:10

Input Set : **E:\226-104US SEQ LIST.txt**
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76             20                  25                  30
79 Gly Ser Asn Thr Tyr
80         35
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85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
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89 <223> OTHER INFORMATION: Synthetic peptide construct
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94 1               5                  10                  15
97 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Pro Ser Thr Asn Val
98             20                  25                  30
101 Gly Ser Asn Thr Tyr
102         35
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106 <211> LENGTH: 37
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
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111 <223> OTHER INFORMATION: Synthetic peptide construct
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115 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
116 1               5                  10                  15
119 Val His Ser Ser Asn Asn Phe Gly Pro Val Leu Pro Pro Thr Asn Val
120             20                  25                  30
123 Gly Ser Asn Thr Tyr
124         35
127 <210> SEQ ID NO: 6
128 <211> LENGTH: 37
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
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136 <220> FEATURE:
137 <221> NAME/KEY: misc_feature
138 <223> OTHER INFORMATION: 2,7-Cyclo bridge
140 <400> SEQUENCE: 6
142 Lys Asp Asn Thr Ala Thr Lys Ala Thr Gln Arg Leu Ala Asn Phe Leu
143 1               5                  10                  15
146 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
147             20                  25                  30
150 Gly Ser Asn Thr Tyr
151         35
154 <210> SEQ ID NO: 7
155 <211> LENGTH: 36
156 <212> TYPE: PRT
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RAW SEQUENCE LISTING DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:10

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

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159 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetic peptide construct
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169 20 25 30
172 Ser Asn Thr Tyr
173 35
176 <210> SEQ ID NO: 8
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178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Synthetic peptide construct
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186 Ala Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
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190 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
191 20 25 30
194 Gly Ser Asn Thr Tyr
195 35
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200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Synthetic peptide construct
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209 1 5 10 15
212 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
213 20 25 30
216 Gly Ser Asn Thr Tyr
217 35
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222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Synthetic peptide construct
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231 1 5 10 15
234 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Pro Thr Asn Val
235 20 25 30
238 Gly Ser Asn Thr Tyr
239 35

RAW SEQUENCE LISTING DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:10

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

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256 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
257 20 25 30
260 Gly Ser Asn Thr Tyr
261 35
264 <210> SEQ ID NO: 12
265 <211> LENGTH: 36
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Synthetic peptide construct
272 <400> SEQUENCE: 12
274 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
275 1 5 10 15
278 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
279 20 25 30
282 Ser Asn Thr Tyr
283 35
286 <210> SEQ ID NO: 13
287 <211> LENGTH: 36
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
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292 <223> OTHER INFORMATION: Synthetic peptide construct
294 <400> SEQUENCE: 13
296 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
297 1 5 10 15
300 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
301 20 25 30
304 Ser Asn Thr Tyr
305 35
308 <210> SEQ ID NO: 14
309 <211> LENGTH: 36
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Synthetic peptide construct
316 <400> SEQUENCE: 14
318 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
319 1 5 10 15
322 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly

RAW SEQUENCE LISTING DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:10

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

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     326 Ser Asn Thr Tyr
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     330 <210> SEQ ID NO: 15
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     335 <220> FEATURE:
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     338 <400> SEQUENCE: 15
     340 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
     341 1               5                   10                  15
     344 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
     345             20                  25                  30
     348 Ser Asn Thr Tyr
     349         35
     352 <210> SEQ ID NO: 16
     353 <211> LENGTH: 30
     354 <212> TYPE: PRT
     355 <213> ORGANISM: Artificial Sequence
     357 <220> FEATURE:
     358 <223> OTHER INFORMATION: Synthetic peptide construct
     360 <400> SEQUENCE: 16
     362 Val Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Val Val
     363 1               5                   10                  15
     366 Lys Asn Asn Phe Val Pro Thr Asn Val Gly Ser Lys Ala Phe
     367             20                  25                  30
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     371 <211> LENGTH: 37
     372 <212> TYPE: PRT
     373 <213> ORGANISM: Artificial Sequence
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     379 <220> FEATURE:
     380 <221> NAME/KEY: MISC_FEATURE
     381 <223> OTHER INFORMATION: c-term may be amino, alkylamino, dialkylamino,
cycloalkylamino,
     382       arylamino, aralkylamino, alkyloxy, aryloxy, or aralkyloxy
     384 <220> FEATURE:
     385 <221> NAME/KEY: MISC_FEATURE
     386 <222> LOCATION: (1)..(1)
     387 <223> OTHER INFORMATION: Lys, Ala, Ser, or not present
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     390 <221> NAME/KEY: MISC_FEATURE
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     392 <223> OTHER INFORMATION: Variable amino acid
     394 <220> FEATURE:
     395 <221> NAME/KEY: MISC_FEATURE
     396 <222> LOCATION: (7)..(7)
     397 <223> OTHER INFORMATION: Variable amino acid
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:11

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:17; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,29,31
Seq#:18; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,28,31
Seq#:19; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,31
Seq#:20; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,31
Seq#:23; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,28,29,31

VERIFICATION SUMMARY DATE: 10/05/2005
PATENT APPLICATION: **US/08/870,762B** TIME: 08:34:11

Input Set : **E:\226-104US SEQ LIST.txt**
Output Set: **N:\CRF4\10052005\H870762B.raw**

L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
M:341 Repeated in SeqNo=18
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L:725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
M:341 Repeated in SeqNo=20
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
M:341 Repeated in SeqNo=23